IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Akemichi BABA et al.

Confirmation No.: 5435

Serial Number: 10/073,135

Group Art Unit: 1636

Filed: February 13, 2002

Examiner: QIAN, CELINE X.

For:

NON-HUMAN ANIMAL DEFICIENT IN FUNCTION OF PITUITARY ADENYLATE

CYCLASE-ACTIVATING POLOYPEPTIDE GENE

Atty. Docket No.: 010541A

Customer No.: 38834

SUBMISSION OF SEQUENCE LISTING

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

June 14, 2004

Sir:

Submitted herewith is the Sequence Listing for the above-identified application both in a paper copy form and in a computer readable form. The name of the file on the computer readable form is "010541A sequence listing.ST25". The paper copy and the computer readable form are the same. The submission does not include any new matter. Please enter the sequence listing in the application.

Respectfully submitted,

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Attachments: Paper Sequence Listing, Disk Sequence Listing

SEQUENCE LISTING <110≶0 BABA, Akemichi MATSUDA, Toshio HASHIMOTO, Hitoshi SHINTANI, Norihito <120> NON-HUMAN ANIMAL DEFICIENT IN FUNCTION OF PITUITARY ADENYLATE CYCLASE-ACTIVATING POLYPEPTIDE GENE <130> 010541A <140> 10/073,135 <141> 2002-02-13 09/835,627 <150> <151> 2001-04-17 <160> 3 <170> PatentIn version 3.2 <210> <211> <212> 21 DNA Artificial <213> <220> <223> PACAP gene exon-specific primer (sense) <400> 1 21 agaagacgag gcttacgacc a <210> 21 <211> <212> DNA <213> artificial <220> <223> PACAP gene exon-specific primer (antisense) <400> 21 acgaccgact gcaggtactt c <210> 25 <211> <212> DNA artificial <213> <220> PACAP gene exon-specific primer (antisense) <223> <400> 3

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